

Receiving Report

Date:

13/8/27

Batch No:

1726724

Supplier:

CAMP1

Dart P/O:

20940

Packing Slip:

Yes

✓ No

Invoice:

Yes

No ✓

Receipt:

Cash

Cr ✓

Release Note Attached:

Yes

✓

No

N/A

Waybill Attached:

Yes

No

Shipment Complete:

Yes

No

N/A

QC6 Inspection

✓ DAS

N/A

Work Order

16

RT0965

N/A

9-89

Discrepancies

Part Number	Description	Quantity Ordered	Quantity Received	Quantity Returned	Quantity Short	Comments
<u>1174B0-250X4-00</u>		<u>12</u>	<u>0</u>	<u>0</u>	<u>12</u>	

Initials of receiver (if shipment OK)

Level 12

Production/Admin:

Date

Received/Costing

Initial

13/8/28
✓

Location

Page 1 of 1

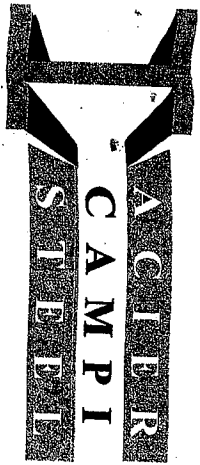
All amounts are calculated in domestic currency.

All Vendors	PO ID PO20940	Receipt Dates from 8/27/2013 to 8/27/2013	All Line Item Types
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All Item ID/GL/WOs All Rec. Employees All Currencies

Grouped by Vendor ID

Purchase Order ID/ Curr Type	Line Nbr/ Insp Req	Project ID	Reference/ Description/ Cert Std	PO U/M / Stock U/M	Required Date	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
Vendor ID \ Vendor Name											
VC-CAM002	PO20940	2	M303B1.000X1.000 f	Campi Steel	8/23/2013	8/27/2013	24.0000	\$17.28	0.0000	0	\$414.71
	CAD	No	303 BAR 1" X 1" f		24.0000	DESJ02		\$414.71	0.0000	0	
			m126724								
		3	M303H0.500 f		8/23/2013	8/27/2013	24.4000	\$3.41	0.0000	0	\$83.14
		No	303 HEX BAR .500 f		24.0000	DESJ02		\$83.14	0.0000	0	
			m126724								
		4	M304B1.000X1.000 f		8/23/2013	8/27/2013	26.0000	\$15.55	0.0000	0	\$404.43
		No	304 bar 1.00 x 1.00 f		24.0000	DESJ02		\$404.43	0.0000	0	
			m126724								
		5	M6061T6B1.500X02. f		8/23/2013	8/27/2013	23.0000	\$10.69	0.0000	0	\$245.80
			500								
		No	6061-T6 Bar 1.50 x 2.50	f	20.0000	DESJ02		\$245.80	0.0000	0	
		m126724									
	6	M6061T6B2.500X03. f		8/23/2013	8/27/2013	24.0000	\$24.53	0.0000	0	\$588.77	
		500									
	No	6061-T6 Bar 2.50 x 3.50	f	24.0000	DESJ02		\$588.77	0.0000	0		
		m126724									
Total Received Quantity:											121.4000
Total Qty to Inspect (PO U/M):											0.0000
Total Reject Quantity:											0.0000
Total Receipt Value:											\$1,736.85
Total Balance Due Quantity:											0.0000



1993/2013
DEPUIS SINCE
Merci - Thank You!

935, boul. du Hâvre
Valleyfield, Québec
J6S 5L1
Tél.: 450 377-4248
Fax: 450 377-5696

Montréal
Tél.: 514 336-4248
Fax: 514 336-4246
Ontario
Tél.: 1 800 667-4248
Fax: 1 866 456-4242

VENDU A / SOLD TO :

613-632-5200 613-632-1053

EXPÉDIEZ A / SHIP TO :

DART AEROSPACE LTD
1270 ABERDEEN STREET
HAMKESBURY,
ONTARIO
K6A 1K7

DART AEROSPACE LTD
1270 ABERDEEN STREET
HAMKESBURY,
ONTARIO
K6A 1K7

VOTRE N° DE COMMANDE / YOUR PO. N°	PO20940	VEND. SALES M.	V	CODE CLIENT / CUST. CODE	DAER	EXPÉDIER PAR / SHIP VIA	12345	TERMINES / TERMS	NET 30 JOURS	TERR.	2R	REMARQUES / REMARKS	PAGE N°	001
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CODE DE PRODUIT PRODUCT CODE	COMMANDE ORDERED	EXPÉDIE SHIPPED	DESCRIPTION	POIDS WEIGHT	PRIX PRICE	PAR PER *	MONTANT AMOUNT
	12		FLAT SS-17-4-PH 1/4" X 4" 1 X 12' R/L STM A564	0	27.950		0.00
	24	24	CARRE SS-303 1" 2 X 12' HEAT: 3P060	24	17.750		426.00
	24.3		24.340HEX-96DNE SS-303 1/2" 2 X 12' HEAT: A1304010266	24	3.500		85.19
CS91	26	26	S.S. 304 CARRE 1 2 X 12' HEAT: 776145	88	469.950	CLB	415.44
POIDS TOTAL TOTAL WEIGHT							

Unités de mesure : CLB Cart (100) livres
Units of measure : Cart (100) pounds

CONDITIONS :

MARCHANDISES ET FACTURES TELS QUE DÉCRITS DEVIENT LA PROPRIÉTÉ DE ACIER CAMP INC., JUSQU'À PAIEMENT COMPLET. LES RISQUES DE PERTE DU BIEN SONT À LA CHARGE DE L'ACHETEUR. LA GARANTIE DE QUALITÉ DU MATÉRIEL EST LA MÊME QUE CELLE DU FOURNISSEUR. L'ACHETEUR S'ENGAGE À RESPECTER LES CONDITIONS SUIVANTES : JET 30 JOURS DE LA DATE DE FACTURATION, ET TOUT COMPTANT EN 15 JOURS. L'ACHETEUR S'ENGAGE À PAYER LE 25 PAR ANNÉE (24% PAR ANNÉE) D'INTÉRÊT DE PAYER. TOUT DÉFAUT D'ÉCHÉANCE, L'UNE OU L'AUTRE DES CONDITIONS SUIVANTES S'APPLIQUENT : LE BIEN VENDU, TOUTE RÉCLAMATION DOIT ÊTRE FAITE DANS LES CINQ JOURS SUR PRÉSENTATION DE CE DOCUMENT À NOTRE BUREAU. TOUTE MARCHANDISE RETOURNÉE EST SUIVANTE À DES FRAIS DE MAINTIEN DE 25%.

ALL SOLD AND DELIVERED MATERIALS REMAIN THE PROPERTY OF ACIER CAMP INC. UNTIL PAYMENT IS MADE FULL, COMPLETE AND CASHED. ALL LOSSES MATERIALS ARE AT THE BUYER'S RISK. MATERIALS BEAR THE SAME WARRANTY AS GIVEN BY THE MANUFACTURER. THE BUYER HEREBY AGREES TO RESPECT THE FOLLOWING CONDITIONS: NET 30 DAYS FROM BILLING DATE AND THE BUYER AGREES TO PAY ADMINISTRATIVE CHARGES OF 2% PER MONTH OR 24% PER ANNUM ON ALL PAID DUE ACCOUNTS OVER 30 DAYS. ANY DEFAULT IN RESPECT WITH THIS CONTRACT WILL LEAD TO PAYMENT BY ACCELERATION. THE SELLER, AT HIS CHOICE TO CLAIM FOR THE BALANCE DUE ON THE REPOSSESSION OF THE GOODS SOLD. ANY CLAIMS MUST BE REMITTED WITHIN THE 5 DAYS WITH THIS DOCUMENT ENCLOSED. ANY MARCHANDISE THAT HAS BEEN DAMAGED, CUT OR MODIFIED CANNOT BE RETURNED. ALL GOODS RETURNED MUST BE WITH OUR AUTHORIZATION AND ARE SUBJECT TO A 25% RESTOCKING CHARGE.

SOUS-TOTAL
SUB TOTAL

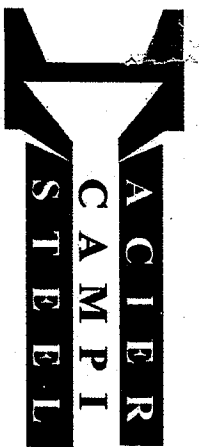
T.P.S.
G.S.T.

T.V.O. / T.V.H.
G.S.T. / H.S.T.

TOTAL

PAIÉ PAR / PREPARED BY	VÉRIFIÉ PAR / VERIFIED BY	LIVRÉ PAR / DELIVERED BY	HEURE / TIME

MARCHANDISE RECUE EN BONNE CONDITION / MERCHANDISE RECEIVED IN GOOD CONDITION	A/Y	M/M	J/D



1993 / 2013
DEPUIS - SINCE
Merci - Thank you

935, boul. du Hâvre
Valleyfield, Québec
J6S 5L1

Valleyfield
Tél.: 450 377-4248
Fax : 450 377-5696

Montréal
Tél.: 514 336-4248
Fax : 514 336-4246
Ontario
Tél.: 1 800 667-4248
Fax : 1 866 456-4242

VENDEUR A / SOLD TO :

DART AEROSPACE LTD

1270 ABERDEEN STREET

HAWKESBURY,

ONTARIO

K6A 1K7

613-632-5200

613-632-1053

VOTRE N° DE COMMANDE / YOUR PO. N°
PO20940

VENDEUR / SALESM.
V

CODE CLIENT / CUST. CODE
DAER

EXPÉDIER PAR / SHIP VIA
NET 30 JOURS

TERMS / TERMS
2R

REMARQUES / REMARKS
PAGE N°
001

DART AEROSPACE LTD

1270 ABERDEEN STREET

HAWKESBURY,

ONTARIO

K6A 1K7

FACTURE
INVOICE
N° 284720

DATE 27/08/13

BON DE LIVRAISON
PACKING SLIP
N° 219735

DATE DE LIVRAISON
DELIVERY DATE 27/08/13

CODE DE PRODUIT PRODUCT CODE	COMMANDE ORDERED	EXPÉDIE SHIPPED	DESCRIPTION	POIDS WEIGHT	PRIX PRICE	PAR PER	MONTANT AMOUNT
	12		PLAT SS-17-4-PH 1/4" X 4"	0.00	27.950		0.00
			1 X 12' R/L STM A564				
	24	24	CARRE SS-303 1"	24.00	17.750		426.00
			2 X 12' HEAT: 3P060				
	24.34	24.3400	HEXAGONE SS-303 1/2"	24.34	3.500		85.19
			2 X 12' HEAT: A1304010266				
CSS 1	26	26	S.S. 304 SQUARE 1	88.40	469.950	CLB	415.44
			2 X 13'				

* Unités de mesure : CLB Carré (100) lb/ft²
Handed pounds

CPI Carré (100) lb/ft²
Handed feet

UN Unit

PI Pied

PC Pied carré

Square feet

POIDS TOTAL
TOTAL WEIGHT

CONDITIONS :

LES MATÉRIAUX LIVRÉS ET FACTURÉS SONT DÉPOSÉS DÉMURANT LA PROPRIÉTÉ DE «ACIER CAMP INC.» JUSQU'À PAYERMENT COMPLET EN CASH. LES RISQUES DE Perte DU BIEN SONT À LA CHARGE DU CLIENT. LA GARANTIE DE QUALITÉ DU MATÉRIEL EST LA MÊME QUE CELLE DU FABRICANT. L'ACHÈTEUR S'ENGAGE À RESPECTER LES CONDITIONS SUIVANTES : 1. NET 30 JOURS DE LA DATE DE FACTURATION, ET TOUT COMPTEMMENT DANS LES 30 JOURS ENTAÎNÉS DE LA DATE DE LA CHARGE DU BIEN. 2. TOUT DÉFAUT DOIT ÊTRE DÉCLARÉ IMMÉDIATEMENT À L'ACHÈTEUR. 3. LES OBLIGATIONS EN VERTU DU PRÉSENT CONTRAT ENTRAÎNENT LA DÉCLARATION DU TITRE ET PERMETTENT AU VENDEUR, À SON CHOIX, DE RÉCLAMER TOUT SOUS-PRODUIT DE VENTE OU REPRENDRE LE BIEN VENDU. 4. TOUTE RÉCLAMATION DOIT ÊTRE FAITE DANS LES CINQ JOURS SUIVANT LA PRÉSENTATION DE CE DOCUMENT. 5. TOUTE MARCHANDISE ENDOMMAGÉE, AUTRÉE OU COUPÉE NE PEUT ÊTRE REVENDEE. 6. AUCUN RETOUR DE MARCHANDISE NE SERA ACCEPTÉ SANS NOTRE AUTORISATION. 7. TOUTE MARCHANDISE RETOURNÉE EST SULETTE À DES FRAIS DE MANUTENTION DE 25%.

CONDITIONS :

ALL SOLD AND DELIVERED MATERIALS REMAIN THE PROPERTY OF «ACIER CAMP INC.» UNTIL PAYMENT IS MADE FULL, COMPLETE AND CASHED. ALL LOSST MATERIALS ARE AT THE BUYER'S RISK. 1. ALL MATERIALS BEAR THE SAME WARRANTY AS THE MANUFACTURER. 2. THE BUYER HEREBY ACCEPTS TO RESPECT THE FOLLOWING CONDITIONS: NET 30 DAYS FROM BILLING DATE AND THE BUYER ACCEPTS TO PAY WITHIN 30 DAYS OF THE DATE OF INVOICE. 3. ANY DEFECT MUST BE REPORTED IMMEDIATELY TO THE BUYER. 4. THE OBLIGATIONS UNDER THE PRESENT CONTRACT ENTAIL THE DECLARATION OF THE TITLE AND PERMIT THE SELLER, AT HIS CHOICE, TO CLAIM FOR THE BALANCE DUE OR THE RECOVERY OF THE GOODS. 5. THE SELLER MAY RECOVER THE GOODS SOLD OR REBUY THE GOODS. 6. ANY CLAIM MUST BE MADE WITHIN FIVE DAYS OF THE PRESENTATION OF THIS DOCUMENT. 7. ANY DAMAGED, CUT OR MODIFIED CANNOT BE RETURNED. 8. ALL GOODS RETURNED MUST BE WITH OUR AUTHORIZATION AND ARE SUBJECT TO A 25% RESTOCKING CHARGE.

SOUS-TOTAL
SUB TOTAL

T.P.S.
G.S.T.

T.V.Q. / T.V.H.
G.S.T. / H.S.T.

PRÉPARÉ PAR / PREPARED BY

VERIFIÉ PAR / VERIFIED BY

LIVRÉ PAR / DELIVERED BY

HEURE / TIME

12345

DATE

A/Y

M/M

J/D

TOTAL

SCRIP-TO-1971

N° ENR. TPS / GST REG. N° R 135 534 717 • N° ENR. TVQ / GST REG. N° 1 015 668 543

SIGNATURE DU CLIENT / CUSTOMER'S SIGNATURE

DATE

A/Y

M/M

J/D

TOTAL

SCRIP-TO-1971



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO20940**

Purchase Order Date 8/15/2013

PO Print Date 8/15/2013

Page Number 1 of 3

Order From :

VC-CAM002

Ship To : DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

CAMPI STEEL
935 BOUL. DU HAVRE
VALLEYFIELD, QC J6S 5L1
CA



Contact Name

Vendor Phone 800 667 4248

Ship To Contact

Ship To Phone

Ship Via: Yours ppd

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax #

10127-2607

Terms

Net 30

Currency

CAD

FOB

Destination-Collect

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	M174B0.250X4.000	17-4 SS Bar .250 X 4.00	8/23/2013 Yes 8/23/2013		12.00 f	\$27.95	\$335.40
MATERIAL: 17-4 PH SS BAR PER AMS 5604/5643 GRAIN MUST BE ALONG LENGTH OF BAR MIN. YIELD TENSILE STRENGTH = 100 KSI MIN. ULTIMATE STRENGTH = 150 KSI							
Line Total:							\$335.40
2	M303B1.000X1.000	303 BAR 1" X 1"	8/23/2013 Yes 8/23/2013		24.00 f	\$17.75	\$426.00
MATERIAL: AISI 303 SS BAR AS PER ASTM A582 NOTE: AISI 304/316 NOT ACCEPTABLE							
Line Total:							\$426.00

PO Instructions: SOUMISSION #327759

Note:

8/15/2013



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO20940**

Purchase Order Date 8/15/2013

PO Print Date 8/15/2013

Page Number 2 of 3

Order From :

VC-CAM002

Ship To : DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

CAMPI STEEL
935 BOUL. DU HAVRE
VALLEYFIELD, QC J6S 5L1
CA

Contact Name

Vendor Phone 800 667 4248

Ship To Contact

Ship To Phone

Ship Via: Yours ppd

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax # 10127-2607

Terms

Net 30

Currency

CAD

FOB

Destination-Collect

3	M303H0.500	303 HEX BAR .500	8/23/2013 Yes 8/23/2013	24.00 f	<i>11/13/12</i>	\$3.50	\$84.00
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MATERIAL: AISI 303 SS HEX BAR AS PER ASTM A582
NOTE: AISI 304/316 NOT ACCEPTABLE

Line Total: \$84.00

4	M304B1.000X1.000	304 bar 1.00 x 1.00	8/23/2013 Yes 8/23/2013	24.00 f	<i>26</i>	\$15.98	\$383.48
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MATERIAL: AISI 304/316 SS BAR OR AISI 304/316 PLATE
AS PER ASTM A276 OR ASTM A240
NOTE: AISI 303 NOT ACCEPTABLE

Line Total: \$383.48

5	M6061T6B1.500X02.500	6061-T6 Bar 1.50 x 2.50	8/23/2013 Yes 8/23/2013	20.00 f	<i>NEC 23</i>	\$10.98	\$219.56
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MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR
AS PER QQ-A-225/8 OR AMS-QQA-225/8 OR AMS 4117/4128
4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-220/8 OR AMS 4160 OR ASTM B211 OR ASTM B221

Line Total: \$219.56

PO Instructions: SOUMISSION #327759

Note:

8/15/2013



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO20940**

Purchase Order Date 8/15/2013

PO Print Date 8/15/2013

Page Number 3 of 3

Order From :

VC-CAM002

Ship To : DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

CAMPI STEEL
935 BOUL. DU HAVRE
VALLEYFIELD, QC J6S 5L1
CA

Contact Name

Vendor Phone 800 667 4248

Buyer

Chantal Lavoie

Customer POID

Customer Tax #

10127-2607

Terms

Net 30

Currency

CAD

FOB

Destination-Collect

Ship To Contact

Ship To Phone

Ship Via: Yours ppd

Ship Acct:

6	M6061T6B2.500X03.500	6061-T6 Bar 2.50 x 3.50	8/23/2013	24.00		\$25.20	\$604.80
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Yes

8/23/2013

MATERIAL SPEC'S SAME AS ABOVE

Handwritten: PO 20940
11/13/12

Line Total: \$604.80

PO Total: \$2,053.24

PO Instructions: SOUMISSION #327759

Note: Pricing listed above is as per contract agreement between Dart Aerospace and the respective manufacturer.

No substitution or deviation without consent.

Certificate of Conformity or Material Certification required - **(YES)** NO

PST# 6122-5207

Change Nbr: 1

Change Date: 8/15/2013

Handwritten: CL MLG

En el Regimiento de Infantería

11

1997-1998

100

10

Age Group	1980	1985	1990	1995
0-14	15.0	14.5	14.0	13.5
15-24	12.0	11.5	11.0	10.5
25-34	10.0	9.5	9.0	8.5
35-44	8.0	7.5	7.0	6.5
45-54	6.0	5.5	5.0	4.5
55-64	4.0	3.5	3.0	2.5
65-74	2.0	1.5	1.0	0.5
75+	1.0	0.5	0.0	0.0

5
13/68/04

10

10

10

1

10

1

10

SEN KR

1961
OCT
KUP

100-443887-100

100-443887-100

Certificate of Mill Test Results
 BL YTM-407071-1-002
 19AUG12

Best in Class

CERTIFIED TEST REPORT

CUSTOMER PO NUMBER: N21985-8		CUSTOMER PART NUMBER: V836661		PRODUCT DESCRIPTION: 1.500"X 2.500" RECT BAR	
KAISER ORDER NUMBER: 9037907	LINE ITEM: 008	SHIP DATE: 05/18/2009	KAISER LOT NUMBER: C6800 206	ALLOY: 6061	TEMPER: T6511
WEIGHT SHIPPED: 1058.000 LB	QUANTITY: 20.000 PCS	BA NUMBER: 952499	DIAMODAF/THKNS: 	WIDTH: 	LENGTH: 12.000 FT
SHIP TO: 			SOLD TO: 		

Actual Physical Properties

REFERENCE	DASH#	SAMPLE#	UTS(KSI)	YTS(KSI)	%Elong in 2	HARDNESS	CONDUCT.	BEND
XTR083241	0001	1	45.8	42.3	12.7	RE 96	N/A	N/A
XTR083241	0001	2	54.9	50.3	11.8	RE 96	N/A	N/A

Chemical Composition (wt%), Aluminum Remainder

LIMITS	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Pb	Bi	Zr	Ea	Tot
Maximum	0.8	0.7	0.40	0.15	1.2	0.35	0.25	0.15	NA	NA	NA	0.05	0.15
Minimum	0.40		0.15		0.8	0.04			NA	NA	NA		

Applicable Requirements:

ASTM-B221-06-STENCILED ASME-SB221 1998 SECT II AMS-QQ-A-200/8 UNS#96061 (T6511 also conforms to T6-not applicable to other tempers)

Miscellaneous Notes

MANUFACTURED IN CANADA (LONDON, ON) MELTED IN CANADA

R287300-301.

CERTIFICATION

Kaiser Aluminum Fabricated Products, LLC hereby certifies that metal shipped under this order has been inspected and tested and found in conformance with applicable specifications forming a part of the description set forth in Kaiser's sales acknowledgement form. Any warranty is limited to that shown on Kaiser's general terms and conditions of sale. Test reports are on file, subject to examination.

Tom G. Small, Jr., QA Manager

Plant Serial: 00248651

Kaiser Order Number: 9037907

BÖLLINGHAUS STEEL		Abnahmeprüfzeugnis / Mill Test Certificate / Certif. de Qualidade EN 10204:2004 / 3.1		No.: / Nr.: / Nr.: 0000089007									
		Unsere Innere Verweisung / Our Int. Ref / N° ref.int 5600018745 000110		Datum / Date / Data 26.06.2013									
Böllinghaus Portugal Aços Especiais, SA DIN EN ISO 9001:2008 TÜV CERT No. 01 100 030458													
Normen / Standards / Normas TP 304/304L acc. to ASTM A479/A479M-13, A276-10 specifications acc. to latest rev.: SAE-AMS-QQ-S 763B, AMS5639J, AMS5647J, ASME SA479/SA479M, ASME SA276, ASTM A182/A182M-13, F304/304L, A193/A193M-12b CL 1Gr.B8, ASTM A314-08, ASTM A320/A320M-11a, DOD-F24669/6, ASME SA182/SA182M, ASME SA 193/SA193M, ASME SA320 CL 1Gr.B8, ASTM A262-10 Practice A&E, grain size as per ASTM E112-96e1, NACE MR 0175, ASTM A484/A484M-13.													
Kunde / Customer / Cliente			Endgültiger Kunde / Final Customer / Cliente Final										
Bestell Nr./Order Nr./ Enc.Nr. C88350			Bestell Nr./ Order Nr./ Enc.Nr. C88350.08										
Prüfgegenstand / Product / Produto AISI 304/304L SQ 1"		Gewicht / Weight / Peso 2,097 lb		Bunde / Bundle / Atados 01									
Werkstoff-Nr. Material-no. Qualidade 1.4307		Werkstoff-Normbezeichnung / Material standard grade / Norma do material X 2 CrNi 18-9											
Beschreibung / Description / Descrição Stainless steel square bars, hot rolled, solution annealed, straightened, pickled. US DFAR 252,225-7014: MELT SOURCE: Canada / MFG: Portugal.													
Schmelzen Nr. Cast nr. / Fusão nr.		Chemische Analyse in % / Chemical composition in % / Análise química em %											
776145 EAF		C: 0.019 Mo: 0.260	Si: 0.350 Co: 0.130	Mn: 1.860 Cu: 0.300	P: 0.036 N: 0.080	S: 0.023 Ti: 0.006	Cr: 18.140 W: -	Ni: 8.180 V: -					
Proben Nr. Test no. Amostra no.		ASTM E399 Kerbschlagarbeit Impact Test Resiliência (Charpy V) [J]		ASTM A370 Streckgrenze Yield point Tensão limite Rp 0.2 % [Ksi]		Zugfestigkeit Tensile strength Tensão de rotura Rm [Ksi]		Dehnung Elongation Alongamento A (A50-50mm) [%]		Einschnürung Reduction of area Coef. Estricção Z (A50-50mm) [%]			
3032915.01.01		230.0		41.0		46.8		91.7		64.8		78.2	
Visuelle Kontrolle Visual inspection Inspeção visual		<input checked="" type="checkbox"/> Ok		ASTM E370 Härte Hardness Dureza [HB]		ASTM A262-10 Practice E Korrosionsbeständigkeit IC Test Corrosão (intercrystalina)		<input checked="" type="checkbox"/> Ok		Wärmebehandlung Heat treatment Tratamento térmico			
ASTM A484 Maßkontrolle Dimensional inspection Inspeção dimensional		<input checked="" type="checkbox"/> Ok		E 112-96e1 Korngröße Grain size Tamanho de grão		Werkstoffverständiger Quality Control Representative Inspector de Qualidade		Annealed Quenched 1900 °F (water quenched)					
Verwechslungsprüfung Test of identity Teste de identificação		<input checked="" type="checkbox"/> Ok		Mikroskopische Untersuchung Micrographic test Material free from segregation defects.		<input checked="" type="checkbox"/> Ok							
Bemerkungen / Remarks / Observações Micrographic test: approved. Material is free of radiation contamination. No weld repair done. Material is free of mercury.						Böllinghaus Portugal - Aços Especiais, SA Hiermit bestätigen wir, dass das Material der oben genannten Spezifikation entspricht. We confirm that this material meets the specification according to the mentioned standards. Confirmamos que este material respeita as especificações de acordo com as normas referidas.							

ACIER CAMPI INC.
ALUMINUM FLAT BAR 6061-T6511
2.50" x 3.50" X 144.0000"
PART NO.

PO/Rel 56982

Nous certifions que le document reproduit ici est
une copie conforme du rapport fourni par le
producteur du materiel ou les donnees resultant de

219735
Certificate of Mill Test Results

BL VIM-407070-001

19Aug13

Pg 1/1

L'analyse faite par un laboratoire qualifie.
SIGNE PAR:

KAISER
ALUMINUM
FABRICATED PRODUCTS

Best in Class
CERTIFIED TEST REPORT

CUSTOMER PO NUMBER: VIM-620984-3		CUSTOMER PART NUMBER: 020484-2		PRODUCT DESCRIPTION: 2.500 X 3.500 SC RECT BAR	
KAISER ORDER NUMBER: 646333	LINE ITEM: 003	SHIP DATE: 06/28/2013	KAISER LOT NUMBER: HK297-020	ALLOY: 6061	TEMPER: T6511
WEIGHT SHIPPED: 988.000 LB	QUANTITY: 8.000 PCS	B/L NUMBER: 606561	DIAM/DAF/THKNS: WIDTH:	LENGTH: 12.000 FT	
SHIP TO:			SOLD TO: <i>S, 13/09/04</i>		

Actual Physical Properties

REFERENCE	DASH#	SAMPLE#	UTS (KSI)	YTS (KSI)	ELONG%	HARDNESS	CONDUCT.	BEND
HK297-020	0001	1	52.8	49.2	17.5	RE 97	N/A	N/A

Chemical Composition (wt%), Aluminum Remainder

LIMITS	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Pb	Bi	Zr	Ea	Tot
Maximum	0.80	0.70	0.40	0.15	1.20	0.35	0.25	0.15	NA	NA	NA	0.05	0.15
Minimum	0.40	0.30	0.15	0.00	0.80	0.04	0.00	0.00	NA	NA	NA	0.00	0.00
H43396	.73	.40	.29	.09	.92	.09	.09	.02	.01	.01	.00	.01	.04

Applicable Requirements:

ASTM-B221-13 STENCILED ASME-SB221 1998 SECT II AMS-QQ-A-200/8 97(R07) UNS#A96061
(T6511 also conforms to T6-not applicable to other tempers)

Miscellaneous Notes

MANUFACTURED IN USA (SHERMAN, TX) MELTED IN USA
MERCURY IS NOT A NORMAL BACKGROUND ELEMENT IN ALUMINUM ALLOYS. NEITHER MERCURY NOR ANY
OF ITS COMPOUNDS ARE UTILIZED BY KAISER ALUMINUM IN THE MANUFACTURE OF THIS MATERIAL.

CERTIFICATION

Kaiser Aluminum Fabricated Products, LLC hereby certifies that metal shipped under this order has been
inspected and tested and found in conformance with applicable specifications forming a part of the
description set forth in Kaiser's sales acknowledgement form. Any warranty is limited to that shown on
Kaiser's general terms and conditions of sale. Test reports are on file, subject to examination.

Timothy K. Fargo, Quality & Technology Manager

Timothy K. Fargo

Plant Serial: 00096128

Kaiser Order Number: 646333

Line Item: 003